

Countermeasure and Response Administration



DAX 2010 Lite **Option 2 and 3 Training**

Michele Renshaw
&

CRA Development Team

Countermeasure Tracking Systems
Division of Informatics Solutions and Operations
Public Health Informatics and Technology Program Office

September 22, 2010

Office of Surveillance, Epidemiology, and Laboratory Services
Public Health Informatics and Technology Program Office



Agenda



- ❑ **Learning Objectives**
- ❑ **Background**
- ❑ **Option 2 and 3 Overview and Training**
- ❑ **Action Items**
- ❑ **Upcoming Events and Questions**



Learning Objectives

- ❑ **The Option 2 and 3 training session focuses on:**
 - **Understanding procedures for Project Area* setup**
 - **Reviewing and understanding guidelines for reporting aggregate data**
 - **Comprehending process and technical considerations**
 - **Gaining awareness of steps for submitting aggregate count data**
 - **Identifying and managing potential quality control concerns for aggregate reporting**

* **Project Areas:** The 62 Public Health Emergency Preparedness (PHEP) grantees, which include 50 states, 8 territories, and 4 metropolitan areas

Background



- ❑ **The National Strategy for Pandemic Influenza: Implementation Plan calls for monitoring of the appropriate use of a scarce pandemic influenza vaccine**
- ❑ **CRA was updated and exercised in 2007/8 and 2008/9 to support doses administered for pandemic influenza**
- ❑ **CRA was used to track and monitor H1N1 Doses Administered for the initial weeks of the H1N1 Vaccine Program**
- ❑ **To accomplish this, Project Areas tracked vaccine doses administered, collected and aggregated minimum data elements and transmitted weekly to CDC**

Aggregate Reporting Options via CRA

CDC's CRA system provides multiple ways for states and partners to report vaccine doses administered



State enters data into state's Immunization Information System or other equivalent application and is extracted in one of these formats:

Pipe-delimited File

XML File

HL 7

File is securely transferred to CDC via either CRA application or PHIN MS and loaded into CRA for reporting



Option 1 Data Exchange



Aggregate data entered directly into CRA via the web-based aggregate reporting interface

Data is available in CRA for reporting



Option 2 Direct Web Entry



Individual level data is entered directly into CRA via the web based flexible Treatment interface

Individual level data are automatically aggregated by CRA and are available for reporting



Option 3 Individual Level Data Entry

DAX 2010 Lite



- ❑ Voluntary two-week exercise
 - October 25 – November 9, 2010
- ❑ DAX 2010 Lite is intended to
 - Continue and improve testing CDC's and Project Areas' ability to collect, report, aggregate, and analyze doses administered data
 - Maintain a level of engagement with Project Areas and provide a means for Project Areas to stay current with the CRA system
- ❑ CRA is using the seasonal 2010-2011 flu vaccine as a proxy for this preparedness exercise

DAX 2010 Guidelines for Reporting Aggregate Data



❑ Number of Clinics and Frequency

- A minimum of **2 clinics** per week for **2 consecutive weeks** making a total of 4 clinics
- There is no maximum number of clinics

❑ Timeframe

- Beginning **Monday, October 25** and reporting final counts on **Tuesday, November 09, 2010**
- First reporting date is **Tuesday, November 02, 2010**

❑ Reporting

- Each Project Area is responsible for submitting aggregate doses administered counts for the reporting period based on the MMWR week (Sunday through Saturday). The deadline for this reporting period is **Tuesday at 11:59 pm local time** for the reporting jurisdiction

This is a **voluntary exercise** with a shorter timeframe and a smaller number of reporting providers



Definitions

- ❑ ***Event*** – Public health programs or emergency responses that require the administration of countermeasures
- ❑ ***User Roles*** – CRA has role based user access; the user can only access system functions appropriate to their role; two roles
 - Public Health Administrator (PHA)
 - Data Entry Specialist (DES)
- ❑ ***Organization*** – Physical location where vaccine or countermeasure will be administered

Guidelines for DAX 2010 Lite

Reporting Aggregate Data via Option 2 & 3



Option 2 (Web-based Aggregate)

- ❑ Vaccine type **Novel Influenza-H1N1-09**, all **formulations** should be used to report general population priority group tiers 1-5 aggregate age group and dose number to CDC

Option 3 (Web-based Detail)

- ❑ All vaccine types can be used to track vaccine doses administered
- ❑ Individual vaccine and lot number information can be collected

Option 2 Process & Technical Considerations



Process Considerations

- ❑ Determine how data will be entered into CRA
- ❑ Aggregate data submitted at the Project Area only
- ❑ Data submitted at the provider level and confirmed at the Project Area level
- ❑ Determine who will need access to CRA

Technical Considerations

- ❑ Staff entering data online must have access to the internet via web browser
- ❑ Staff accessing CRA must have SDN digital certificate

Option 3 Process & Technical Considerations



Process Considerations

- ❑ Determine who will collect and enter data
- ❑ Determine what level of detail vaccination data will be collected
- ❑ Ensure data entry staff (users) and providers (organizations) have been added and assigned to the event

Technical Considerations

- ❑ Staff entering data online must have access to the internet via web browser unless they use the offline CRA
- ❑ Staff accessing CRA must have SDN digital certificate

Accessing CRA



❑ Preparation Activities

- Acquire or renew SDN digital certificate as necessary
- Use CRA event name **2010 Vaccine Doses Administered Exercise Lite** for associated setup tasks

❑ Logging into CRA

- Access Secure Data Network (SDN) at <http://sdn.cdc.gov>
- Access CRA Application on SDN Activity Page

Option 2



Aggregate Data Entry Using CRA Web Form

Option 2 Training



Scenario (Project Area Confirm Only)

- ❑ **Data collected at the provider level is sent to the public health authority and aggregated at the Project Area level**
- ❑ **Public Health Administrator (PHA) logs into CRA, enters and submits confirmed aggregate data for the Project Area**

Scenario (Provider Level Entry/Project Area Confirm)

- ❑ **Data is collected and aggregate counts are entered into CRA at the provider level**
- ❑ **Public Health Administrator (PHA) logs into CRA and confirms aggregate data for the Project Area**

Essential Tasks to Perform Option 2



- ❑ Enter aggregate counts into CRA at the provider level - *Report Aggregate Counts*
- ❑ Confirm aggregate data at the Project Area level - *Confirm Aggregate Reports*
- ❑ Search for aggregate counts and reports
- ❑ Replace counts with new data as it becomes available - *Replace Aggregate Reports*

Option 3



**Patient Level Data Entry using
CRA**

Option 3 Training



Scenario

- ❑ Individual patient vaccine doses administered data has been collected at the provider level and entered into CRA by a Data Entry Specialist (DES)
- ❑ CRA aggregates patient level data entered by age group and dose number
- ❑ Public Health Administrator (PHA) logs into CRA and confirms aggregate data for the Project Area for the reporting period

Essential Tasks to Perform Option 3



- ❑ Enter patient demographic and doses administered data collected at the provider level into CRA - *Add Patient Countermeasures*
- ❑ View recently added patients
- ❑ Confirm aggregate data at the Project Area level - *Confirm Aggregate Counts*

Blended Reporting Option Training

Options 2 & 3



Scenario

- ❑ Data collected at the provider level**
- ❑ Some providers enter aggregate counts into CRA**
- ❑ Some providers enter individual patient data into CRA**
- ❑ Public Health Administrator (PHA) logs into CRA and confirms aggregate data for the Project Area**

Quality Control Considerations for Provider Supplied Aggregate Reports



Scenario

- ❑ Provider sends aggregate report to public health authority**
- ❑ Need arises to add aggregate counts from provider forms to IIS individual level data to create an inclusive doses administered report**
- ❑ If subsequent patient level reporting is received for a previously submitted aggregate report, Project Areas need to reconcile the aggregate counts with patient level data to avoid double-counting to the CRA system**



Reminders

- ❑ **Test data entry via CRA Demonstration Site (<http://crademo.cdc.gov>)**
 - **Contact the PHIN Helpdesk (phintech@cdc.gov) for login/password information**
- ❑ **Perform setup tasks as needed for your Project Area**
 - **Use CRA Production Site accessed via SDN**
 - **Add organizations (provider locations) and users (staff accessing CRA)**
 - **Assign users to organizations**
 - **Assign organizations to the event – 2010 Vaccine Doses Administered Exercise Lite**
- ❑ **Determine the process by which your Project Area will collect and submit data to CRA**
- ❑ **Ensure users have an active SDN digital certificate**
- ❑ **If necessary, develop quality control mechanisms for aggregate report forms**

CRA Team Contact Information



- ❑ Barbara Nichols, OSELS/PHITPO/DISO CTS Project Lead, bnichols@cdc.gov
- ❑ Michele Renshaw, OSELS/PHITPO/DISO CRA Task Lead, mdrenshaw@cdc.gov
- ❑ Guy Faler, Northrop Grumman Contractor, CRA Development Project Manager, gfaier@cdc.gov
- ❑ Howard Hill, McKing Consulting Contractor, NCIRD/ISD Program Lead, hhill1@cdc.gov
- ❑ Sarah Waite, SRA International Contractor, CRA Partner Outreach Liaison, swaite@cdc.gov



Resources

❑ CRA Option 2 Checklist

- http://www.cdc.gov/phn/activities/applications-services/cra/docs/pdf/Option_2_Guide_DAX2010.pdf

❑ CRA Option 3 Checklist

- http://www.cdc.gov/phn/activities/applications-services/cra/docs/pdf/Option_3_Guide_DAX2010.pdf

Upcoming Events



Date	Event	Topic
October 13	Webinar	Exercise Overview and Refresher
October 25	DAX 2010	DAX 2010 Begins
As Needed	Webinar/Conference Call	Open Session for Project Areas to Touch Base with CDC/CRA



Questions?

crahelp@cdc.gov

<http://www.cdc.gov/phn/cra>

For more information please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333

Telephone, 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348

E-mail: cdcinfo@cdc.gov Web: www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.